

**Project WET
Connections to KY
Core Content 4.1**

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Elementary

Mathematics

MA-EP-4.1.1

Students will analyze and make inferences from data displays (drawings, tables/charts, tally tables, pictographs, bar graphs, circle graphs with two or three sectors, line plots, two-circle Venn diagrams).

DOK 3

MA-04-4.1.1

Students will analyze and make inferences from data displays (drawings, tables/charts, tally tables, pictographs, bar graphs, circle graphs, line plots, Venn diagrams).

DOK 3

MA-05-4.1.1

Students will analyze and make inferences from data displays (drawings, tables/charts, tally tables, pictographs, bar graphs, circle graphs, line plots, Venn diagrams, line graphs).

DOK 3

Practical Living

PL-05-3.1.4

Students will describe consumer actions (reusing, reducing, recycling) and identify ways these actions impact the environment (e.g., conserving resources, reducing pollution, reducing solid waste).

DOK 2

PL-EP-3.1.5

Students will identify the available health and safety agencies in a community that provide services:

- Health department
- Fire department
- Sanitation
- Police

Ambulance services

PL-04-3.1.5

Students will identify and explain the available health and safety agencies in a community that provide services:

- Health department
- Fire department
- Sanitation
- Police

Ambulance services

PL-05-3.1.5

Students will identify and describe the available health and safety agencies in a community that provide services:

- Health department
 - Fire department
 - Sanitation
 - Police
- Ambulance services

Reading

RD-05-2.0.5

Students will identify and explain the sequence of activities needed to carry out a procedure.

DOK 2

RD-05-2.0.6

Students will summarize information from a passage.

RD-05-2.0.7

Students will make inferences or draw conclusions * based on what is read.

DOK 3

Science

SC-04-4.7.2

Students will:

- describe human interactions in the environment where they live;
- classify the interactions as beneficial or harmful to the environment using data/evidence to support conclusions.

All organisms, including humans, cause changes in the environment where they live. Some of these changes are detrimental to the organism or to other organisms; other changes are beneficial (e.g., dams benefit some aquatic organisms but are detrimental to others). By evaluating the consequences of change using cause and effect relationships, solutions to real life situations/dilemmas can be proposed.

DOK 3

Social Studies

SS-EP-1.1.1

Students will identify the basic purposes of local government (to establish order, provide security and accomplish common goals); give examples of services local governments provide (e.g., police and fire protection roads and snow removal, garbage pick-up,) and identify how they pay for these services taxes).

SS-05-4.4.3

Students will describe how individuals/groups may have different perspectives about the use of land (e.g., farming, industrial, residential, recreational).

Middle School

Mathematics

MA-06-4.1.1

Students will analyze and make inferences from data displays (drawings, tables/charts, pictographs, bar graphs, circle graphs, line plots, Venn diagrams, line graphs, stem-and-leaf plots).

DOK 3

MA-07-4.1.1

Students will analyze and make inferences from data displays (drawings, tables/charts, pictographs, bar graphs, circle graphs, line plots, Venn diagrams, line graphs, stem-and-leaf plots, scatter plots).

DOK 3

MA-08-4.1.1

Students will analyze and make inferences from data displays (drawings, tables/charts, pictographs, bar graphs, circle graphs, line plots, Venn diagrams, line graphs, stem-and-leaf plots, scatter plots, histograms, box-and-whiskers plots).

DOK 3

Practical Living

PL-06-3.1.4

Students will describe consumer actions (reuse, reduce, recycle) and explain how these actions impact the environment (e.g., conserving resources, reducing pollution, reducing solid waste, conserving energy).

DOK 2

PL-07-3.1.4

Students will describe consumer actions (reuse, reduce, recycle) and explain how these actions impact the environment (e.g., conserving resources, reducing pollution, reducing solid waste, conserving energy).

DOK 2

PL-08-3.1.4

Students will describe consumer actions (reuse, reduce, recycle) and explain how these actions impact the environment (e.g., conserving resources, reducing pollution, reducing solid waste, conserving energy).

DOK 2

PL-06-3.1.5

Students will identify and describe a range of resources and services provided by community agencies:

- Public health department
- Fire department
- Police department

Family resource center

PL-07-3.1.5

Students will identify and describe resources and services provided by community agencies:

- Public health department
- Fire department
- Police department

Family resource center

PL-08-3.1.5

Students will identify and explain the importance of resources and services provided by community agencies and how these resources benefit the overall community.

- Public health department
 - Fire department
 - Police department
- Family resource center

Reading

RD-O6-2.0.4

Students will locate key ideas or information in a passage.

DOK 1 * *

RD-O7-2.0.4

Students will locate key ideas or information in a passage.

DOK 1 * *

RD-O8-2.0.4

Students will locate key ideas or information in a passage.

DOK 1

RD-O6-2.0.5

Students will summarize information from a paragraph, a section of a passage or the entire passage.

DOK 2

RD-O7-2.0.5

Students will summarize information from a paragraph, a section of a passage or an entire passage.

DOK 2

RD-O8-2.0.5

Students will paraphrase information from a paragraph, a section of a passage or an entire passage.

DOK 2

RD-O6-2.0.6

Students will apply the information contained in a passage to accomplish a task/procedure or answer questions about a passage.

RD-O7-2.0.6

Students will apply the information contained in a passage to accomplish a task/procedure or answer questions about a passage.

RD-O8-2.0.6

Students will apply the information contained in a passage to accomplish a task/procedure or answer questions about a passage.

RD-O6-2.0.7

Students will make predictions, draw conclusions, make generalizations or make inferences based on what is read.

DOK 3

RD-O7-2.0.7

Students will make predictions, draw conclusions, make generalizations or make inferences based on what is read.

DOK 3

RD-O8-2.0.7

Students will make predictions, draw conclusions, make generalizations or make inferences based on what is read.

DOK 3

Social Studies

SS-06-2.3.1

Students will explain how conflict and competition (e.g., political, economic, religious, ethnic) occur among individuals and groups in the present day.

DOK 2

SS-06-2.3.2

Students will explain how compromise and cooperation are possible choices to resolve conflict among individuals and groups in the present day.

DOK 2

SS-06-4.4.4

Students will explain how individual and group perspectives impact the use of natural resources (e.g., urban development, recycling) in the present day.

SS-08-4.4.4

Students will compare and contrast different perspectives (viewpoints) that people have about how to use land (e.g., farming, industrial, residential, recreational) in the United States prior to Reconstruction

High School

Mathematics

MA-HS-4.1.1

Students will analyze and make inferences from a set of data with no more than two variables, and will analyze problems for the use and misuse of data representations.

Practical Living

PL-HS-3.1.4

Students will compare consumer actions (reuse, reduce, recycle, choosing renewable energy sources, using biodegradable packaging materials, composting) and analyze how these actions impact the environment (e.g., conserving resources; reducing water, air, and land pollution; reducing solid waste; conserving energy).

DOK 3 PL-HS-3.1.5

Students will describe the relationship among private, public and nonprofit health agencies and compare the services provided by each agency:

- private health care facilities (e.g., private physicians, nursing homes, rehabilitation facilities)
 - hospitals
 - public health departments and clinics
 - DES (Disaster and Emergency Services)
 - Family Resource Centers
 - Medicare/Medicaid
- nonprofit health organizations (e.g., American Heart Association, American Red Cross, American Cancer Society)

Reading

RD-09-2.0.1

Students will paraphrase information in a passage.

RD-10-2.0.1

Students will paraphrase information in a passage.

DOK 2

RD-11-2.0.1

Students will paraphrase information in a passage.

RD-12-2.0.1

Students will paraphrase information in a passage.

RD-09-2.0.2

Students will identify essential information from a passage needed to accomplish a task.

RD-10-2.0.2

Students will identify essential information from a passage needed to accomplish a task.

DOK 1

RD-11-2.0.2

Students will identify essential information from a passage needed to accomplish a task.

RD-12-2.0.2

Students will identify essential information from a passage needed to accomplish a task.

RD-09-2.0.3

Students will apply the information contained in a passage to accomplish a task/procedure or to answer questions about a passage.

RD-10-2.0.3

Students will apply the information contained in a passage to accomplish a task/procedure or to answer questions about a passage.

DOK 2

RD-11-2.0.3

Students will apply the information contained in a passage to accomplish a task/procedure or to answer questions about a passage.

RD-12-2.0.3

Students will apply the information contained in a passage to accomplish a task/procedure or to answer questions about a passage.

RD-09-2.0.6

Students will explain the main ideas of a passage and identify the key ideas or information that support them.

RD-10-2.0.6

Students will explain the main ideas of a passage and identify the key ideas or information that support them.

DOK 3

RD-11-2.0.6

Students will explain the main ideas of a passage and identify the key ideas or information that support them.

RD-12-2.0.6

Students will explain the main ideas of a passage and identify the key ideas or information that support them.

RD-09-2.0.7

Students will make inferences, draw conclusions or make generalizations based on evidence from a passage.

RD-10-2.0.7

Students will make inferences, draw conclusions or make generalizations based on evidence from a passage.

DOK 3

RD-11-2.0.7

Students will make inferences, draw conclusions or make generalizations based on evidence from a passage.

RD-12-2.0.7

Students will make inferences, draw conclusions or make generalizations based on evidence from a passage.

RD-09-3.0.1

Students will explain or analyze how a conflict in a passage is resolved.

RD-10-3.0.1

Students will explain or analyze how a conflict in a passage is resolved.

DOK 3

RD-11-3.0.1

Students will analyze how a conflict in a passage is resolved.

RD-12-3.0.1

Students will analyze how a conflict in a passage is resolved.

RD-09-3.0.2

Students will identify or explain an author's purpose in a passage.

RD-10-3.0.2

Students will identify or explain an author's purpose in a passage.

DOK 2

RD-11-3.0.2

Students will analyze an author's purpose in a passage.

RD-12-3.0.2

Students will analyze an author's purpose in a passage.

RD-09-3.0.3

Students will explain an author's position based on evidence in a passage.

RD-10-3.0.3

Students will explain an author's position based on evidence in a passage.

DOK 2

RD-11-3.0.3

Students will explain an author's position based on evidence in a passage.

RD-12-3.0.3

Students will explain an author's position based on evidence in a passage.

RD-09-3.0.4

Students will accept or reject an argument, giving supporting evidence from the passage.

RD-10-3.0.4

Students will accept or reject an argument, giving supporting evidence from the passage.

DOK 3

RD-11-3.0.4

Students will accept or reject an argument, giving supporting evidence from the passage.

RD-12-3.0.4

Students will accept or reject an argument, giving supporting evidence from the passage.

Science

SC-HS-4.7.2

Students will:

- evaluate proposed solutions from multiple perspectives to environmental problems caused by human interaction;
- justify positions using evidence/data.

Human beings live within the world's ecosystems. Human activities can deliberately or inadvertently alter the dynamics in ecosystems. These activities can threaten current and future global stability and, if not addressed, ecosystems can be irreversibly affected.

DOK 3

Social Studies

SS-HS-2.3.1

Students will explain the reasons why conflict and competition (e.g., violence, difference of opinion, stereotypes, prejudice, discrimination, genocide) may develop as cultures emerge in the modern world (1500 A.D. to present) and the United States (Reconstruction to present).

DOK 2

SS-HS-2.3.2

Students will explain and give examples of how compromise and cooperation are characteristics that influence interaction (e.g., peace studies, treaties, conflict resolution) in the modern world (1500 A.D. to present) and the United States (Reconstruction to present).

DOK 2